

State Water Resources Control Board

Division of Drinking Water

December 24, 2018

System No. 1503515

Al Bates, Plant Manager
Sun Pacific Shippers-Maricopa
33374 Lerdo Hwy.
Bakersfield, CA 93308

CITATION NO. 03_19_18C_042 TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL (MCL) VIOLATION FOR OCTOBER 2018

Enclosed is Citation No. 03_19_18C_042 (hereinafter "Citation"), issued to the Sun Pacific Shippers-Maricopa Water System (hereinafter "Water System"), public water system, for violation of the total coliform MCL during the month of October 2018. Please note that there are legally enforceable deadlines associated with this Citation.

The Water System will be billed at the State Water Resources Control Board's (hereinafter "State Water Board"), hourly rate for the time spent on issuing this Citation. California Health and Safety Code, (hereinafter "CHSC"), Section 116577, provides that a public water system must reimburse the State Water Board for actual costs incurred by the State Water Board for specified enforcement actions, including but not limited to, preparing, issuing and monitoring compliance with a citation. At this time, the State Water Board has spent approximately one (1) hour on enforcement activities associated with this violation.

The Water System will receive a bill sent from the State Water Board in August of the next fiscal year. This bill will contain fees for any enforcement time spent on the Water System for the current fiscal year.

Any person who is aggrieved by a citation, order or decision issued under authority delegated to an officer or employee of the state board under Article 8 (commencing with CHSC, Section 116625) or Article 9 (commencing with CHSC, Section 116650), of the Safe Drinking Water Act (CHSC, Division 104, Part 12, Chapter 4), may file a petition with the State Water Board for reconsideration of the citation, order or decision. Appendix 1 to the enclosed Citation contains the relevant statutory provisions for filing a petition for reconsideration (CHSC, Section 116701).

Petitions must be received by the State Water Board within 30 days of the issuance of the citation, order or decision by the officer or employee of the state board. The date of issuance is the date when the

FELICIA MARCUS, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR

4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 | www.waterboards.ca.gov

Division of Drinking Water mails a copy of the citation, order or decision. If the 30th day falls on a Saturday, Sunday, or state holiday, the petition is due the following business day by 5:00 p.m.

Information regarding filing petitions may be found at:

http://www.waterboards.ca.gov/drinking_water/programs/petitions/index.shtml

If you have any questions regarding this matter, please contact the Tehachapi District Office at (661) 335-7315 or via email at dwpdist19@waterboards.ca.gov.

Sincerely,



Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer, Tehachapi District
Southern California Drinking Water Field Operations Branch
DIVISION OF DRINKING WATER

Enclosure: Citation No. 03_19_18C_042

Certified Mail No. 7012 1010 0001 3880 2086

cc: Kern County Dept. of Public Health, Env. Health Division
Jim Black, Sun Pacific Shippers (via email)
Tim Allen, Sun Pacific Shippers (via email)
Phil Holderness, Seaco Technologies, Inc., Contract Sampler (via email)

JSD/lo

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

Name of Public Water System: Sun Pacific Shippers - Maricopa

Water System No: 1503515

Attention: Al Bates, Plant Manager
Sun Pacific Shippers - Maricopa
33374 Lerdo Hwy.
Bakersfield, CA 93308

Issued: December 24, 2018

**CITATION FOR NONCOMPLIANCE WITH
CALIFORNIA HEALTH AND SAFETY CODE, SECTION 116555(a)(1) AND
CALIFORNIA CODE OF REGULATIONS, TITLE 22, SECTION 64426.1(b)(2)**

TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL VIOLATION

October 2018

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Water Board"), to issue a citation to a public water system when the State Water Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section

1 116270), or any regulation, standard, permit, or order issued or adopted
2 thereunder.

3
4 The State Water Board, acting by and through its Division of Drinking Water
5 (hereinafter "Division") and the Deputy Director for the Division, hereby issues
6 Citation No. 03_19_18C_042 (hereinafter "Citation"), pursuant to Section
7 116650 of the CHSC to the Sun Pacific Shippers - Maricopa Water System
8 (hereinafter "Water System"), for violation of CHSC, Section 116555(a)(1) and
9 California Code of Regulations (hereinafter "CCR"), Title 22, Section
10 64426.1(b)(2).

11
12 A copy of the applicable statutes and regulations are included in **Appendix 1**,
13 which is attached hereto and incorporated by reference.

14 15 **STATEMENT OF FACTS**

16 The Water System is classified as a nontransient noncommunity public water
17 system with a population of 100, serving 5 connections. The Water System
18 operates under Domestic Water Supply Permit No. 03_19_05P_003, issued
19 on August 2, 2005, by the California Department of Health Services, Division
20 of Drinking Water and Environmental Management. Effective July 1, 2014,
21 regulatory jurisdiction of the Water System was transferred to the State Water
22 Board.

23
24 CHSC, Section 116555(a)(1) requires all public water systems to comply with
25 primary drinking water standards as defined in CHSC, Section 116275(c).
26 Primary drinking water standards include maximum levels of contaminants
27 and the monitoring and reporting requirements as specified in regulations

1 adopted by the State Water Board that pertain to maximum contaminant
2 levels.

3
4 CCR, Title 22, Section 64426.1(b)(2), Total Coliform Maximum Contaminant
5 Level (hereinafter "MCL"), states that a public water system is in violation of
6 the total coliform MCL if it collects fewer than 40 bacteriological samples per
7 month and if more than one sample collected during any month is total
8 coliform-positive.

9
10 One (1) routine bacteriological sample, collected on October 2, 2018, tested
11 positive for total coliform bacteria. Four (4) repeat samples were collected on
12 October 4, 2018, including one (1) sample from Well 01 and three (3) samples
13 from the distribution system. One (1) of the repeat samples from the
14 distribution system and one (1) sample from Well 01 tested positive for total
15 coliform bacteria. None of the total coliform positive samples showed the
16 presence of *Escherichia coli* (*E. coli*) bacteria.

17
18 To investigate the total coliform positive samples, on October 9, 2018, the
19 Water System collected one bacteriological sample from the effluent of the
20 50,000-gallon storage tank that tested positive for total coliform bacteria. On
21 October 15, 2018, samples were taken from three (3) reverse osmosis (RO)
22 point of use treatment units for nitrate removal and all three (3) samples tested
23 negative for total coliform bacteria. After flushing the distribution system, five
24 (5) special samples were collected on October 15, 2018 and all five (5)
25 samples tested negative for total coliform bacteria. On November 7, 2018, the
26 Water System collected five (5) routine samples from the distribution system
27 and they all tested negative for total coliform bacteria.

1 Due to the total coliform treatment technique trigger under the federal revised
2 total coliform rule (rTCR), the Water System was required to complete the
3 Level 1 Assessment within 30 days of the total coliform treatment technique
4 trigger, with a due date of November 6, 2018. On November 6, 2018, the State
5 Water Board received a completed Level 1 Assessment (copy provided in
6 **Appendix 2**) from Mr. Phil Holderness with Seaco Technologies, Inc.
7 According to the Level 1 Assessment, bacteriological contamination may be
8 due to a broken lock on the storage tank hatch, and collecting bacteriological
9 samples from the sites identified in an old Bacteriological Sample Siting Plan
10 (BSSP), not reflective of the actual distribution system water quality. The
11 Water System took corrective actions which included replacing the lock on the
12 storage tank's hatch, and collecting samples from the current BSSP dated
13 April 2018. The Water System also installed a dedicated sample tap on Well
14 01's discharge line.

15
16 Due to the total coliform MCL violation in October 2018, the Water System
17 was required to provide Tier 2 public notification within 30 days of the violation.
18 On November 7, 2018, the Water System provided the public notification and
19 has submitted a copy of the notice to the State Water Board (**Appendix 3**).
20 The Water System also submitted the Compliance Certification (**Appendix 4**)
21 for the Tier 2 public notification.

22 23 DETERMINATION

24 The Water System took fewer than 40 bacteriological samples during October
25 2018. The results of two (2) routine and repeat samples were total coliform
26 positive. Therefore, the State Water Board has determined that the Water
27 System has failed to comply with drinking water standards pursuant to CHSC,

1 Section 116555(a)(1) and CCR, Title 22, Section 64426.1(b)(2) during
2 October 2018.

3 4 **DIRECTIVES**

5 The Water System is hereby directed to take the following actions:

- 6
7 1. The Water System shall include this violation in the 2018 Consumer
8 Confidence Report in accordance with CCR, Title 22, Section
9 64481(d)(3).
- 10
11 2. In the future, the Water System shall collect routine and repeat
12 samples from the locations identified in an approved BSSP.
- 13
14 3. The Water System shall collect monthly bacteriological quality samples
15 from raw water from Well 01. The results of these samples shall be
16 reported in MPN/100 mL, by the 10th day of the following month. If all
17 monthly samples are negative for total coliform bacteria, the Water
18 System may reduce the future monitoring frequency of the raw water
19 samples to quarterly, after obtaining approval from the State Water
20 Board.
- 21
22 4. On or before **December 31, 2018**, complete and return to the State
23 Water Board the "Notification of Receipt" form attached to this Citation
24 as **Appendix 4**. Completion of this form confirms that the Water
25 System has received this Citation and understands that it contains
26 legally enforceable directives(s) with due dates.
- 27

All submittals required by this Citation shall be electronically submitted to the State Water Board at the following address. The subject line for all electronic submittals corresponding to this Citation shall include the following information: Water System name and number, citation number and title of the document being submitted.

Jaswinder S. Dhaliwal

Dwpdist19@waterboards.ca.gov

The State Water Board reserves the right to make modifications to this Citation as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be effective upon issuance.

Nothing in this Citation relieves the Water System of its obligation to meet the requirements of the California SDWA (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit or order issued or adopted thereunder.

PARTIES BOUND

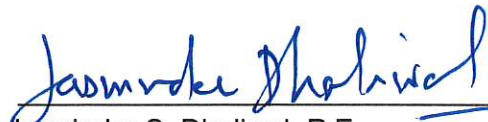
This Citation shall apply to and be binding upon the Water System, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

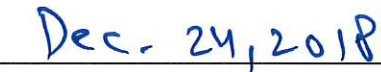
The directives of this Citation are severable, and the Water System shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the State Water Board to: issue a citation or order with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the State Water Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Water Board, and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with an order of the State Water Board. The State Water Board does not waive any further enforcement action by issuance of this Citation.



Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer, Tehachapi District
Southern California Drinking Water Field Operations Branch
DIVISION OF DRINKING WATER



Date

Appendices (5):

1. Applicable Statutes and Regulations
2. Level 1 Assessment dated November 6, 2018
3. Public Notice dated November 7, 2018
4. Compliance Certification Form dated November 6, 2018
5. Notification of Receipt Form

Certified Mail No. 7012 1010 0001 3880 2086

1

2 CC: Kern County Dept. of Public Health, Env. Health Division (w/o appendices)
3 Jim Black, Sun Pacific Shippers (via email)
4 Tim Allen, Sun Pacific Shippers (via email)
5 Phil Holderness, Seaco technologies, Inc., Contract Sampler (via email)

6

7

**APPENDIX 1. APPLICABLE STATUTES AND REGULATIONS FOR
CITATION NO. 03_19_18C_042
Total Coliform Maximum Contaminant Level Violation**

NOTE: The following language is provided for the convenience of the recipient, and cannot be relied upon as the State of California's representation of the law. The published codes are the only official representation of the law. Regulations related to drinking water are in Titles 22 and 17 of the California Code of Regulations. Statutes related to drinking water are in the Health & Safety Code, the Water Code, and other codes.

California Health and Safety Code (CHSC):

Section 116271. Transition of CDPH duties to State Board states in relevant part

(a) The state board succeeds to and is vested with all of the authority, duties, powers, purposes, functions, responsibilities, and jurisdiction of the State Department of Public Health, its predecessors, and its director for purposes of all of the following:

- (1) The Environmental Laboratory Accreditation Act (Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101).
- (2) Article 3 (commencing with Section 106875) of Chapter 4 of Part 1.
- (3) Article 1 (commencing with Section 115825) of Chapter 5 of Part 10.
- (4) This chapter and the Safe Drinking Water State Revolving Fund Law of 1997 (Chapter 4.5 (commencing with Section 116760)).
- (5) Article 2 (commencing with Section 116800), Article 3 (commencing with Section 116825), and Article 4 (commencing with Section 116875) of Chapter 5.
- (6) Chapter 7 (commencing with Section 116975).
- (7) The Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Division 43 (commencing with Section 75001) of the Public Resources Code).
- (8) The Water Recycling Law (Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code).
- (9) Chapter 7.3 (commencing with Section 13560) of Division 7 of the Water Code.
- (10) The California Safe Drinking Water Bond Law of 1976 (Chapter 10.5 (commencing with Section 13850) of Division 7 of the Water Code).
- (11) Wholesale Regional Water System Security and Reliability Act (Division 20.5 (commencing with Section 73500) of the Water Code).
- (12) Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 (Division 26.5 (commencing with Section 79500) of the Water Code).

(b) The state board shall maintain a drinking water program and carry out the duties, responsibilities, and functions described in this section. Statutory reference to "department," "state department," or "director" regarding a function transferred to the state board shall refer to the state board. This section does not impair the authority of a local health officer to enforce this chapter or a county's election not to enforce this chapter, as provided in Section 116500...

(k)

(1) The state board shall appoint a deputy director who reports to the executive director to oversee the issuance and enforcement of public water system permits and other duties as appropriate. The deputy director shall have public health expertise.

(2) The deputy director is delegated the state board's authority to provide notice, approve notice content, approve emergency notification plans, and take other action pursuant to Article 5 (commencing with Section 116450), to issue, renew, reissue, revise, amend, or deny any public water system permits pursuant to Article 7 (commencing with Section 116525), to suspend or revoke any public water system permit pursuant to Article 8 (commencing with Section 116625), and to issue citations, assess penalties, or issue orders pursuant to Article 9 (commencing with Section 116650). Decisions and actions of the deputy director taken pursuant to Article 5 (commencing with Section 116450) or Article 7 (commencing with Section 116525) are deemed decisions and actions taken by the state board, but are not subject to reconsideration by the state board except as provided in Section 116540. Decisions and actions of the deputy director taken pursuant to Article 8 (commencing with Section 116625) and Article 9 (commencing with Section 116650) are deemed decisions and actions taken by the state board, but any aggrieved person may petition the state board for reconsideration of the decision or action. This subdivision is not a limitation on the state board's authority to delegate any other powers and duties.

Section 116275. Definitions states in relevant part:

(c) "Primary drinking water standards" means:

- (1) Maximum levels of contaminants that, in the judgment of the state board, may have an adverse effect on the health of persons.
- (2) Specific treatment techniques adopted by the state board in lieu of maximum contaminant levels pursuant to subdivision (j) of Section 116365.
- (3) The monitoring and reporting requirements as specified in regulations adopted by the state board that pertain to maximum contaminant levels.

Section 116555. Operational requirements states in relevant part:

- (a) Any person who owns a public water system shall ensure that the system does all of the following:
 - (1) Complies with primary and secondary drinking water standards.
 - (2) Will not be subject to backflow under normal operating conditions.
 - (3) Provides a reliable and adequate supply of pure, wholesome, healthful, and potable water.

Section 116577. Enforcement fee states:

(a) Each public water system shall reimburse the state board for actual costs incurred by the state board for any of the following enforcement activities related to that water system:

- (1) Preparing, issuing, and monitoring compliance with, an order or a citation.
- (2) Preparing and issuing public notification.
- (3) Conducting a hearing pursuant to Section 116625.

(b) The state board shall submit an invoice for these enforcement costs to the public water system that requires payment before September 1 of the fiscal year following the fiscal year in which the costs were incurred. The invoice shall indicate the total hours expended, the reasons for the expenditure, and the hourly cost rate of the state board. The costs set forth in the invoice shall not exceed the total actual costs to the state board of enforcement activities specified in this section.

(c) Notwithstanding the reimbursement of enforcement costs of the local primacy agency pursuant to subdivision (a) of Section 116595 by a public water system under the jurisdiction of the local primacy agency, a public water system shall also reimburse enforcement costs, if any, incurred by the state board pursuant to this section.

(d) "Enforcement costs," as used in this section, does not include "litigation costs" pursuant to Section 116585.

(e) The state board shall not be entitled to enforcement costs pursuant to this section if a court determines that enforcement activities were in error.

(f) Payment of the invoice shall be made within 90 days of the date of the invoice. Failure to pay the invoice within 90 days shall result in a 10-percent late penalty that shall be paid in addition to the invoiced amount.

(g) The state board may, at its sole discretion, waive payment by a public water system of all or any part of the invoice or penalty.

Section 116625. Revocation and suspension of permits states:

(a) The state board, after providing notice to the permittee and opportunity for a hearing, may suspend or revoke any permit issued pursuant to this chapter if the state board determines pursuant to the hearing that the permittee is not complying with the permit, this chapter, or any regulation, standard, or order issued or adopted thereunder, or that the permittee has made a false statement or representation on any application, record, or report maintained or submitted for purposes of compliance with this chapter. If the permittee does not request a hearing within the period specified in the notice, the state board may suspend or revoke the permit without a hearing. If the permittee submits a timely request for a hearing, the hearing shall be before the state board or a member of the state board, in accordance with Section 183 of the Water Code and the rules for adjudicative proceedings adopted under Section 185 of the Water Code. If the permit at issue has been temporarily suspended pursuant to subdivision (b), the notice shall be provided within 15 days of the effective date of the temporary suspension order. The commencement of the hearing under this subdivision shall be as soon as practicable, but no later than 60 days after the effective date of the temporary suspension order, unless the state board grants an extension of the 60 day period upon request of the permittee.

(b) The state board may temporarily suspend any permit issued pursuant to this chapter before any hearing when the action is necessary to prevent an imminent or substantial danger to health. The state board shall notify the permittee of the temporary suspension and the effective date of the temporary suspension and, at the same time, notify the permittee that a hearing has been scheduled. The hearing shall be held as soon as possible, but not later than 15 days after the effective date of the temporary suspension unless the state board grants an extension of the 15 day period upon request of the permittee, and shall deal only with the issue of whether the temporary suspension shall remain in place pending a hearing under subdivision (a). The hearing shall be conducted under the rules for adjudicative proceedings adopted by the state board under Section 185 of the Water Code. The temporary suspension shall remain in effect until the hearing under this subdivision is completed and the state board has made a final determination on the temporary suspension, which shall be made within 15 days after the completion of the hearing unless the state board grants an extension of the 15 day period upon request of the permittee. If the determination is not transmitted within 15 days after the hearing is completed, or any extension of this period requested by the permittee, the temporary suspension shall be of no further effect. Dissolution of the temporary suspension does not deprive the state board of jurisdiction to proceed with a hearing on the merits under subdivision (a).

Section 116650. Citations states:

(a) If the state board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the state board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

- (c) A citation may specify a date for elimination or correction of the condition constituting the violation.
- (d) A citation may include the assessment of a penalty as specified in subdivision (e).
- (e) The state board may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation and shall be in addition to any liability or penalty imposed under any other law.

Section 116701. Petitions to Orders and Decisions states:

- (a)
 - (1) Within 30 days of issuance of an order or decision under authority delegated to an officer or employee of the state board under Article 8 (commencing with Section 116625) or Article 9 (commencing with Section 116650), an aggrieved person may petition the state board for reconsideration.
 - (2) Within 30 days of issuance of an order or decision under authority delegated to an officer or employee of the state board under Section 116540, the applicant may petition the state board for reconsideration.
 - (3) Within 30 days of final action by an officer or employee of the state board acting under delegated authority, the owner of a laboratory that was the subject of the final action may petition the state board for reconsideration of any of the following actions:
 - (A) Denial of an application for certification or accreditation under Section 100855.
 - (B) Issuance of an order directing compliance under Section 100875.
 - (C) Issuance of a citation under Section 100880.
 - (D) Assessment of a penalty under subdivision (e) of Section 100880.
- (b) The petition shall include the name and address of the petitioner, a copy of the order or decision for which the petitioner seeks reconsideration, identification of the reason the petitioner alleges the issuance of the order was inappropriate or improper, the specific action the petitioner requests, and other information as the state board may prescribe. The petition shall be accompanied by a statement of points and authorities of the legal issues raised by the petition.
- (c) The evidence before the state board shall consist of the record before the officer or employee who issued the order or decision and any other relevant evidence that, in the judgment of the state board, should be considered to implement the policies of this chapter. The state board may, in its discretion, hold a hearing for receipt of additional evidence.
- (d) The state board may refuse to reconsider the order or decision if the petition fails to raise substantial issues that are appropriate for review, may deny the petition upon a determination that the issuance of the order or decision was appropriate and proper, may set aside or modify the order or decision, or take other appropriate action. The state board's action pursuant to this subdivision shall constitute the state board's completion of its reconsideration.
- (e) The state board, upon notice and hearing, if a hearing is held, may stay in whole or in part the effect of the order or decision subject to the petition for reconsideration.
- (f) If an order or decision is subject to reconsideration under this section, the filing of a petition for reconsideration is an administrative remedy that must be exhausted before filing a petition for writ of mandate under Section 100920.5 or 116700.

California Code of Regulations (CCR), Title 22:

Section 64421. General Requirements states:

- (a) Each water supplier shall:
 - (1) Develop a routine sample siting plan as required in section 64422;
 - (2) Collect routine, repeat and replacement samples as required in Sections 64423, 64424, and 64425;
 - (3) Have all samples analyzed by laboratories approved to perform those analyses by the State Board and report results as required in section 64423.1;
 - (4) Notify the State Board when there is an increase in coliform bacteria in bacteriological samples as required in section 64426; and
 - (5) Comply with the Maximum Contaminant Level as required in section 64426.1.
- (b) Water suppliers shall perform additional bacteriological monitoring as follows:
 - (1) After construction or repair of wells;
 - (2) After main installation or repair;
 - (3) After construction, repair, or maintenance of storage facilities; and
 - (4) After any system pressure loss to less than five psi. Samples collected shall represent the water quality in the affected portions of the system.

Section 64422. Routine Sample Siting Plan states:

- (a) By September 1, 1992, each water supplier shall develop and submit to the State Board a siting plan for the routine collection of samples for total coliform analysis, subject to the following:
 - (1) The sample sites chosen shall be representative of water throughout the distribution system including all pressure zones, and areas supplied by each water source and distribution reservoir.
 - (2) The water supplier may rotate sampling among the sample sites if the total number of sites needed to comply with (a)(1) above exceeds the number of samples required according to Table 64423-A. The rotation plan shall be described in the sample siting plan.
- (b) If personnel other than certified operators will be performing field tests and/or collecting samples, the sample siting plan shall include a declaration that such personnel have been trained, pursuant to Section 64415 (b).

(c) The supplier shall submit an updated plan to the State Board at least once every ten years and at any time the plan no longer ensures representative monitoring of the system.

Section 64423. Routine Sampling states:

(a) Each water supplier shall collect routine bacteriological water samples as follows:

(1) The minimum number of samples for community water systems shall be based on the known population served or the total number of service connections, whichever results in the greater number of samples, as shown in Table 64423-A. A community water system using groundwater which serves 25-1000 persons may request from the State Board a reduction in monitoring frequency. The minimum reduced frequency shall not be less than one sample per quarter.

(2) The minimum number of samples for nontransient-noncommunity water systems shall be based on the known population served as shown in Table 64423-A during those months when the system is operating. A nontransient-noncommunity water system using groundwater which serves 25-1000 persons may request from the State Board a reduction in monitoring frequency if it has not violated the requirements in this article during the past twelve months. The minimum reduced frequency shall not be less than one sample per quarter.

(3) The minimum number of samples for transient-noncommunity water systems using groundwater and serving 1000 or fewer persons a month shall be one in each calendar quarter during which the system provides water to the public.

(4) The minimum number of samples for transient-noncommunity water systems using groundwater and serving more than 1000 persons during any month shall be based on the known population served as shown in Table 64423-A, except that the water supplier may request from the State Board a reduction in monitoring for any month the system serves 1000 persons or fewer. The minimum reduced frequency shall not be less than one sample in each calendar quarter during which the system provides water to the public.

(5) The minimum number of samples for transient-noncommunity water systems using approved surface water shall be based on the population served as shown in Table 64423-A. A system using groundwater under the direct influence of surface water shall begin monitoring at this frequency by the end of the sixth month after the State Board has designated the source to be approved surface water.

(6) A public water system shall collect samples at regular time intervals throughout the month, except that a system using groundwater which serves 4,900 persons or fewer may collect all required samples on a single day if they are taken from different sites.

(b) In addition to the minimum sampling requirements, all water suppliers using approved surface water which do not practice treatment in compliance with Sections 64650 through 64666, shall collect a minimum of one sample before or at the first service connection each day during which the turbidity level of the water delivered to the system exceeds 1 NTU. The sample shall be collected within 24 hours of the exceedance and shall be analyzed for total coliforms. If the water supplier is unable to collect and/or analyze the sample within the 24-hour time period because of extenuating circumstances beyond its control, the supplier shall notify the State Board within the 24-hour time period and may request an extension. Sample results shall be included in determining compliance with the MCL for total coliforms in Section 64426.1.

(c) If any routine, repeat, or replacement sample is total coliform-positive, then the water supplier shall collect repeat samples in accordance with Section 64424 and comply with the reporting requirements specified in Sections 64426 and 64426.1.

Table 64423-A
Minimum Number of Routine Total Coliform Samples

Monthly Population Served	Service Connections	Minimum Number of Samples
25 to 1000	15 to 400	1 per month
1,001 to 2,500	401 to 890	2 per month
2,501 to 3,300	891 to 1,180	3 per month
3,301 to 4,100	1,181 to 1,460	4 per month
4,101 to 4,900	1,461 to 1,750	5 per month
4,901 to 5,800	1,751 to 2,100	6 per month
5,801 to 6,700	2,101 to 2,400	7 per month
6,701 to 7,600	2,401 to 2,700	2 per week
7,601 to 12,900	2,701 to 4,600	3 per week
12,901 to 17,200	4,601 to 6,100	4 per week
17,201 to 21,500	6,101 to 7,700	5 per week
21,501 to 25,000	7,701 to 8,900	6 per week
25,001 to 33,000	8,901 to 11,800	8 per week
33,001 to 41,000	11,801 to 14,600	10 per week
41,001 to 50,000	14,601 to 17,900	12 per week
50,001 to 59,000	17,901 to 21,100	15 per week
59,001 to 70,000	21,101 to 25,000	18 per week
70,001 to 83,000	25,001 to 29,600	20 per week
83,001 to 96,000	29,601 to 34,300	23 per week
96,001 to 130,000	34,301 to 46,400	25 per week

Monthly Population Served	Service Connections	Minimum Number of Samples
130,001 to 220,000	46,401 to 78,600	30 per week
220,001 to 320,000	78,601 to 114,300	38 per week
320,001 to 450,000	114,301 to 160,700	50 per week
450,001 to 600,000	160,701 to 214,300	55 per week
600,001 to 780,000	214,301 to 278,600	60 per week
780,001 to 970,000	278,601 to 346,400	70 per week
970,001 to 1,230,000	346,401 to 439,300	75 per week
1,230,001 to 1,520,000	439,301 to 542,900	85 per week
1,520,001 to 1,850,000	542,901 to 660,700	90 per week
1,850,001 to 2,270,000	660,701 to 810,700	98 per week
2,270,001 to 3,020,000	810,701 to 1,078,600	105 per week
3,020,001 to 3,960,000	1,078,601 to 1,414,300	110 per week
3,960,001 or more	1,414,301 or more	120 per week

Section 64423.1. Sample Analysis and Reporting of Results states:

(a) The water supplier shall designate (label) each sample as routine, repeat, replacement, or "other" pursuant to Section 64421(b), and have each sample analyzed for total coliforms. The supplier also shall require the laboratory to analyze the same sample for fecal coliforms or *Escherichia coli* (*E. coli*) whenever the presence of total coliforms is indicated. As a minimum, the analytical results shall be reported in terms of the presence or absence of total or fecal coliforms, or *E. coli* in the sample, whichever is appropriate.

(b) The water supplier shall require the laboratory to notify the supplier within 24 hours, whenever the presence of total coliforms, fecal coliforms or *E. coli* is demonstrated in a sample or a sample is invalidated due to interference problems, pursuant to Section 64425(b), and shall ensure that a contact person is available to receive these analytical results 24-hours a day. The water supplier shall also require the laboratory to immediately notify the State Board of any positive bacteriological results if the laboratory cannot make direct contact with the designated contact person within 24 hours.

(c) Analytical results of all required samples collected for a system in a calendar month shall be reported to the State Board not later than the tenth day of the following month, as follows:

(1) The water supplier shall submit a monthly summary of the bacteriological monitoring results to the State Board.

(2) For systems serving fewer than 10,000 service connections or 33,000 persons, the water supplier shall require the laboratory to submit copies of all required bacteriological monitoring results directly to the State Board.

(3) For systems serving more than 10,000 service connections, or 33,000 persons, the water supplier shall require the laboratory to submit copies of bacteriological monitoring results for all positive routine samples and all repeat samples directly to the State Board.

(d) Laboratory reports shall be retained by the water supplier for a period of at least five years and shall be made available to the State Board upon request.

Section 64424. Repeat Sampling states:

(a) If a routine sample is total coliform-positive, the water supplier shall collect a repeat sample set as described in paragraph (1) within 24 hours of being notified of the positive result. The repeat samples shall all be collected within the same 24 hour time period. A single service connection system may request that the State Board allow the collection of the repeat sample set over a four-day period.

(1) For a water supplier that normally collects more than one routine sample a month, a repeat sample set shall be at least three samples for each total coliform-positive sample. For a water supplier that normally collects one or fewer samples per month, a repeat sample set shall be at least four samples for each total coliform-positive sample.

(2) If the water supplier is unable to collect the samples within the 24-hour time period specified in subsection (a) or deliver the samples to the laboratory within 24 hours after collection because of circumstances beyond its control, the water supplier shall notify the State Board within 24 hours. The State Board will then determine how much time the supplier will have to collect the repeat samples.

(b) When collecting the repeat sample set, the water supplier shall collect at least one repeat sample from the sampling tap where the original total coliform-positive sample was taken. Other repeat samples shall be collected within five service connections upstream or downstream of the original site. At least one sample shall be from upstream and one from downstream unless there is no upstream and/or downstream service connection.

(c) If one or more samples in the repeat sample set is total coliform-positive, the water supplier shall collect and have analyzed an additional set of repeat samples as specified in subsections (a) and (b). The supplier shall repeat this process until either no coliforms are detected in one complete repeat sample set or the supplier determines that the MCL for total coliforms specified in Section 64426.1 has been exceeded and notifies the State Board.

(d) If a public water system for which fewer than five routine samples/month are collected has one or more total coliform-positive samples, the water supplier shall collect at least five routine samples the following month. If the supplier stops supplying water during the month after the total coliform-positive(s), at least five samples shall be collected during the first month the system resumes operation. A water supplier may request the State Board waive the requirement to collect at least five routine samples the following month, but a waiver will not be granted solely on

the basis that all repeat samples are total coliform-negative. To request a waiver, one of the following conditions shall be met:

- (1) The State Board conducts a site visit before the end of the next month the system provides water to the public to determine whether additional monitoring and/or corrective action is necessary to protect public health.
- (2) The State Board determines why the sample was total coliform-positive and establishes that the system has corrected the problem or will correct the problem before the end of the next month the system serves water to the public. If a waiver is granted, a system shall collect at least one routine sample before the end of the next month it serves water to the public and use it to determine compliance with Section 64426.1.

Section 64425. Sample Invalidation states:

(a) A water supplier may request the State Board to invalidate a sample for which a total coliform-positive result has been reported if the supplier demonstrates:

- (1) All repeat sample(s) collected at the same tap as the original total coliform-positive sample also are total coliform-positive and all repeat samples collected within five service connections of the original tap are not total coliform-positive; or
- (2) The laboratory did not follow the prescribed analytical methods pursuant to Section 64415(a), based on a review of laboratory documentation by the State Board. The supplier shall submit to the State Board a written request for invalidation along with the laboratory documentation, the supplier's sample collection records and any observations noted during sample collection and delivery. The water supplier shall require the laboratory to provide the supplier with documentation which shall include, but not be limited to:
 - (A) A letter from the director of the laboratory having generated the data, confirming the invalidation request by reason of laboratory accident or error;
 - (B) Complete sample identification, laboratory sample log number (if used), date and time of collection, date and time of receipt by the laboratory, date and time of analysis for the sample(s) in question;
 - (C) Complete description of the accident or error alleged to have invalidated the result(s);
 - (D) Copies of all analytical, operating, and quality assurance records pertaining to the incident in question; and
 - (E) Any observations noted by laboratory personnel when receiving and analyzing the sample(s) in question.

(b) Whenever any total coliform sample result indicative of the absence of total coliforms has been declared invalid by the laboratory due to interference problems as specified at 40 Code Federal Regulations, Section 141.21(c)(2), the supplier shall collect a replacement sample from the same location as the original sample within 24 hours of being notified of the interference problem, and have it analyzed for the presence of total coliforms. The supplier shall continue to re-sample at the original site within 24 hours and have the samples analyzed until a valid result is obtained.

Section 64426. Significant Rise in Bacterial Count states in relevant part:

(a) Any of the following criteria shall indicate a possible significant rise in bacterial count:

- (1) A system collecting at least 40 samples per month has a total coliform-positive routine sample followed by two total coliform-positive repeat samples in the repeat sample set;
- (2) A system has a sample which is positive for fecal coliform or *E. coli*; or
- (3) A system fails the total coliform Maximum Contaminant Level (MCL) as defined in Section 64426.1.

(b) When the coliform levels specified in subsection (a) are reached or exceeded, the water supplier shall:

- (1) Contact the State Board by the end of the day on which the system is notified of the test result or the system determines that it has exceeded the MCL, unless the notification or determination occurs after the State Board office is closed, in which case the supplier shall notify the State Board within 24 hours; and
- (2) Submit to the State Board information on the current status of physical works and operating procedures which may have caused the elevated bacteriological findings, or any information on community illness suspected of being waterborne. This shall include, but not be limited to:
 - (A) Current operating procedures that are or could potentially be related to the increase in bacterial count;
 - (B) Any interruptions in the treatment process;
 - (C) System pressure loss to less than 5 psi;
 - (D) Vandalism and/or unauthorized access to facilities;
 - (E) Physical evidence indicating bacteriological contamination of facilities;
 - (F) Analytical results of any additional samples collected, including source samples;
 - (G) Community illness suspected of being waterborne; and
 - (H) Records of the investigation and any action taken.

Section 64426.1. Total Coliform Maximum Contaminant Level (MCL) states in relevant part:

(b) A public water system is in violation of the total coliform MCL when any of the following occurs:

- (1) For a public water system which collects at least 40 samples per month, more than 5.0 percent of the samples collected during any month are total coliform-positive; or
- (2) For a public water system which collects fewer than 40 samples per month, more than one sample collected during any month is total coliform-positive; or

(3) Any repeat sample is fecal coliform-positive or E. coli-positive; or

(4) Any repeat sample following a fecal coliform-positive or E. coli-positive routine sample is total coliform-positive.

(c) If a public water system is not in compliance with paragraphs (b)(1) through (4), during any month in which it supplies water to the public, the water supplier shall notify the State Board by the end of the business day on which this is determined, unless the determination occurs after the State Board office is closed, in which case the supplier shall notify the State Board within 24 hours of the determination. The water supplier shall also notify the consumers served by the water system. A Tier 2 Public Notice shall be given for violations of paragraph (b)(1) or (2), pursuant to section 64463.4. A Tier 1 Public Notice shall be given for violations of paragraph (b)(3) or (4), pursuant to section 64463.1.

Section 64463.1. Tier 1 Public Notice states in relevant part:

(a) A water system shall give public notice pursuant to this section and section 64465 if any of the following occurs:

(1) Violation of the total coliform MCL when:

(A) Fecal coliform or E. coli are present in the distribution system; or

(B) When any repeat sample tests positive for coliform and the water system fails to test for fecal coliforms or E. coli in the repeat sample;...

(b) As soon as possible within 24 hours after learning of any of the violations in subsection (a) or being notified by the State Board that it has determined there is a potential for adverse effects on human health [pursuant to paragraph (a)(4), (5), or (6)], the water system shall:

(1) Give public notice pursuant to this section;

(2) Initiate consultation with the State Board within the same timeframe; and

(3) Comply with any additional public notice requirements that are determined by the consultation to be necessary to protect public health.

(c) A water system shall deliver the public notice in a manner designed to reach residential, transient, and nontransient users of the water system and shall use, as a minimum, one of the following forms:

(1) Radio or television;

(2) Posting in conspicuous locations throughout the area served by the water system;

(3) Hand delivery to persons served by the water system; or

(4) Other method approved by the State Board, based on the method's ability to inform water system users.

Section 64463.4. Tier 2 Public Notice states:

(a) A water system shall give public notice pursuant to this section if any of the following occurs:

(1) Any violation of the MCL, MRDL, and treatment technique requirements, except:

(A) Where a Tier 1 public notice is required under section 64463.1; or

(B) Where the State Board determines that a Tier 1 public notice is required, based on potential health impacts and persistence of the violations;

(2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;

(3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the State Board determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations; or

(4) Failure to comply with the terms and conditions of any variance or exemption in place.

(b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the State Board's written approval based on the violation or occurrence having been resolved and the State Board's determination that public health and welfare would in no way be adversely affected. In addition, the water system shall:

(1) Maintain posted notices in place for as long as the violation or occurrence continues, but in no case less than seven days;

(2) Repeat the notice every three months as long as the violation or occurrence continues. Subject to the State Board's written approval based on its determination that public health would in no way be adversely affected, the water system may be allowed to notice less frequently but in no case less than once per year. No allowance for reduced frequency of notice shall be given in the case of a total coliform MCL violation or violation of a Chapter 17 treatment technique requirement; and

(3) For turbidity violations pursuant to sections 64652.5(c)(2) and 64653(c), (d) and (f), as applicable, a water system shall consult with the State Board as soon as possible within 24 hours after the water system learns of the violation to determine whether a Tier 1 public notice is required. If consultation does not take place within 24 hours, the water system shall give Tier 1 public notice within 48 hours after learning of the violation.

(c) A water system shall deliver the notice, in a manner designed to reach persons served, within the required time period as follows:

(1) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, community water systems shall give public notice by;

- (A) Mail or direct delivery to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system; and
 - (B) Use of one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.):
 1. Publication in a local newspaper;
 2. Posting in conspicuous public places served by the water system, or on the Internet; or
 3. Delivery to community organizations.
- (2) Unless otherwise directed by the State Board in writing based on its assessment of the violation or occurrence and the potential for adverse effects on public health and welfare, noncommunity water systems shall give the public notice by:
- (A) Posting in conspicuous locations throughout the area served by the water system; and
 - (B) Using one or more of the following methods to reach persons not likely to be reached by a public posting:
 1. Publication in a local newspaper or newsletter distributed to customers;
 2. E-mail message to employees or students;
 3. Posting on the Internet or intranet; or
 4. Direct delivery to each customer.

Section 64465. Public Notice Content and Format states in relevant part:

(a) Each public notice given pursuant to this article, except Tier 3 public notices for variances and exemptions pursuant to subsection (b), shall contain the following:

- (1) A description of the violation or occurrence, including the contaminant(s) of concern, and (as applicable) the contaminant level(s);
- (2) The date(s) of the violation or occurrence;
- (3) Any potential adverse health effects from the violation or occurrence, including the appropriate standard health effects language from appendices 64465-A through G;
- (4) The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in drinking water;
- (5) Whether alternative water supplies should be used;
- (6) What actions consumers should take, including when they should seek medical help, if known;
- (7) What the water system is doing to correct the violation or occurrence;
- (8) When the water system expects to return to compliance or resolve the occurrence;
- (9) The name, business address, and phone number of the water system owner, operator, or designee of the water system as a source of additional information concerning the public notice;
- (10) A statement to encourage the public notice recipient to distribute the public notice to other persons served, using the following standard language: —Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail; and
- (11) For a water system with a monitoring and testing procedure violation, this language shall be included: "We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. During [compliance period dates], we ['did not monitor or test' or 'did not complete all monitoring or testing'] for [contaminant(s)], and therefore, cannot be sure of the quality of your drinking water during that time." ...

(c) A public water system providing notice pursuant to this article shall comply with the following multilingual-related requirements:

(2) For a Tier 2 or Tier 3 public notice:

- (A) The notice shall contain information in Spanish regarding the importance of the notice, or contain a telephone number or address where Spanish-speaking residents may contact the public water system to obtain a translated copy of the notice or assistance in Spanish; and
- (B) When a non-English speaking group other than Spanish-speaking exceeds 1,000 residents or 10 percent of the residents served by the public water system, the notice shall include:
 1. Information in the appropriate language(s) regarding the importance of the notice; or
 2. A telephone number or address where such residents may contact the public water system to obtain a translated copy of the notice or assistance in the appropriate language;

(3) For a public water system subject to the Dymally-Alatorre Bilingual Services Act, Chapter 17.5, Division 7, of the Government Code (commencing with section 7290), meeting the requirements of this Article may not ensure compliance with the Dymally-Alatorre Bilingual Services Act.

(d) Each public notice given pursuant to this article shall:

- (1) Be displayed such that it catches people's attention when printed or posted and be formatted in such a way that the message in the public notice can be understood at the eighth-grade level;
- (2) Not contain technical language beyond an eighth-grade level or print smaller than 12 point; and
- (3) Not contain language that minimizes or contradicts the information being given in the public notice.

Appendix 64465-A. Health Effects Language - Microbiological Contaminants.

Contaminant	Health Effects Language
Total Coliform	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.
Fecal coliform/ <i>E. coli</i>	Fecal coliforms and <i>E. coli</i> are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Microbes in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.
Turbidity	Turbidity has no health effects. However, high levels of turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.

Section 64469. Reporting Requirements states in relevant part:

- (d) Within 10 days of giving initial or repeat public notice pursuant to Article 18 of this Chapter, except for notice given under section 64463.7(d), each water system shall submit a certification to the State Board that it has done so, along with a representative copy of each type of public notice given.

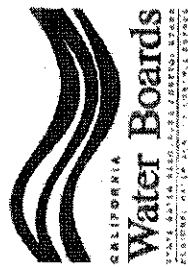
Section 64481. Content of the Consumer Confidence Report states in relevant part:

(d) For contaminants identified in subsection (c), the water system shall include in the Consumer Confidence Report one table or several adjacent tables that have been developed pursuant to this subsection. Any additional monitoring results that a water system chooses to include in its Consumer Confidence Report shall be displayed separately.

(3) The table(s) shall clearly identify any data indicating violations of MCLs, regulatory action levels, MRDLs, or treatment techniques and the Consumer Confidence Report shall give information on each violation including the length of the violation, potential adverse health effects (PDWS only), and actions taken by the system to address the violation. To describe the potential health effects, the system shall use the relevant language pursuant to appendices 64465-A through H

APPENDIX 2. LEVEL 1 ASSESSMENT FORM DATED NOVEMBER 6, 2018

REVISED TOTAL COLIFORM RULE (RTCR) – LEVEL 1 ASSESSMENT Simple Systems with a Well and Storage/Pressure Tank and No Treatment



This form is intended to assist public water systems in completing the investigation required by the federal revised Total Coliform Rule (rTCR) [effective April 1, 2016] and may be modified to take into account conditions unique to the water system. To avoid a violation, an assessment report must be completed and returned to your local regulatory agency no later than 30 days after the trigger date.

ADMINISTRATIVE INFORMATION

Entity Name: Sun Pacific Shippers - Maricopa	Name	System Address & Email	Telephone Number
PWSID NUMBER: 1503515 System Type: NTNC		33374 Lerdo Hwy, Bak, CA 93308	
Operator in Responsible Charge (ORC)	Tyler Beck	3220 Patton, Bak, CA 93308	661-323-5115
Person that collected TC samples if different than ORC	Tyler Beck / Phillip Holderness		
System Owner	Sun Pacific Shippers	33374 Lerdo Hwy, Bak, CA 93308	661-399-0376
Certified Laboratory for Microbiological Analyses	BC Labs		
Date Investigation Completed: 11-6-18			
Month(s) of Coliform Treatment Technique Trigger: October 2018			

INVESTIGATION DETAILS

SOURCE	WELL (name)	WELL (name)	WELL (name)	WELL (name)	COMMENTS (attach additional pages if needed)
	Well 01				
1. Inspect each well head for physical defects and report					
a. Is raw water sample tap upstream from point of disinfection?	Yes				
b. Is wellhead vent pipe screened?	Yes				
c. Is wellhead seal watertight?	Yes				
d. Is well head located in pit or is any piping from the wellhead submerged?	No				
e. Does the ground surface slope towards well head?	No				
f. Is there evidence of standing water near the wellhead?	No				
g. Are there any connections to the raw water piping that could be cross connections? (describe all connections in comments)	No				
h. Is the wellhead secured to prevent unauthorized access?	Yes				
i. How often do you take a raw water total coliform (TC) test?	Monthly				
j. Provide the date and result of the last TC test at this location	11-1-18				<1 MPN/100ml

STORAGE

	TANK (name)	TANK (name)	TANK (name)	TANK (name)	COMMENTS
	Storage				
1. Is each tank locked to prevent unauthorized access?	Yes				
2. Are all vents of each tank screened down-turned to prevent dust and dirt from entering the tank?	Yes				Lock Broken. Replace.
3. Is the overflow on each tank screened?	Yes				
4. Are there any unsealed openings in the tank such as access doors, water level indicators hatches, etc.?	No				

REVISED TOTAL COLIFORM RULE (RTCRR) – LEVEL 1 ASSESSMENT FORM

Simple Systems with a Well and Pressure Tank and No Treatment

Page 2 of 5

STORAGE	TANK (name)	TANK (name)	TANK (name)	TANK (name)	COMMENTS
5. Is the roof/cover of the tank sealed and free of any leaks?	Storage				
6. Is the tank above ground or buried?	Yes				
a. If buried or partially buried, are there provisions to direct surface water away from the site.	Above				
b. Has the interior of the tank been inspected to identify any sanitary defects, such as root intrusion?	N/A				
7. Does the tank "float" on the distribution system or are there separate inlet and outlet lines?	No				Steel Tank
8. What is the measured chlorine residual (total/free) of the water exiting the storage tank today?	Separate				
9. What is the volume of the storage tank in gallons?	0.0				Non-chlorinates system
10. Is the tank baffled?	50,000				
11. Prior to the TC+ or EC+, what was the previous date item #1-6 were checked and documented?	No				
	Unknown				

PRESSURE TANK	TANK (name)	TANK (name)	TANK (name)	TANK (name)	COMMENTS
1. What is the volume of the pressure tank?	PV				
2. What is the age of the pressure tank?	10,000				
3. Is the pressure tank bladder type or air compressor type?	8 years				
4. Did the pressure tank(s) deviate from normal operating pressure?	Air comp.				
5. Is the compressor pump running more often than normal?	No				
6. Is the tank bladder broken and the tank water logged?	No				
7. Is the tank(s) damaged, rusty, leaking, or has holes?	N/A				
8. Was there any recent work performed?	No				
9. Is the air relief vent (if there is one) on the pressure tank screened and facing downwards?	No				
10. Can the inside of the pressure tank be visually inspected thru an inspection port? If so, when was the last time it was inspected?	Yes				
	No				

DISTRIBUTION SYSTEM	SYSTEM RESPONSES
1. What is the minimum pressure you are maintaining in the distribution system?	60 psi
2. Did pressure in the distribution system drop to less than 5 psi prior to experiencing the total coliform positive finding?	No
3. Has the distribution system been worked on within the last week? (service, taps, hydrant flushing, main breaks, main extensions, etc.) If yes, provide details.	No

REVISED TOTAL COLIFORM RULE (RTC) - LEVEL 1 ASSESSMENT FORM

Simple Systems with a Well and Pressure Tank and No Treatment

Page 3 of 5

DISTRIBUTION SYSTEM	SYSTEM RESPONSES
4. Are there any signs of excavations near your distribution system not under the direct control of your maintenance staff?	No
5. Did you inspect your distribution system to check for mainline leaks? Do you or did you have a mainline leak?	Distribution system inspected. No leaks noted
6. If there was a mainline leak, when was it repaired?	N/A
7. On what date was the distribution system last flushed?	Unknown
8. Is there a written flushing procedure you can provide for our review?	No
9. Do you have an active cross connection control program?	Yes
10. What is name and phone number of your Cross-Connection Control Program Coordinator?	Bear Mountain Waterworks 661-203-3685
11. Have all backflow prevention devices in the distribution system been tested annually and repaired/replaced if they did not pass and retested afterwards?	Yes
12. On what date was the last physical survey of the system done to identify cross-connections?	01/09/2017

SAMPLE SITE EVALUATION (Complete for all TC+ or EC+ findings)	Routine Site TC+ or EC+	Upstream Site	Downstream Site	4 th Repeat Sample (specify)
1. What is the height of the sample tap above grade? (inches)	24	36	Degreening	Well 01
2. Is the sample tap located in an exterior location or is it protected by an enclosure?	Exterior	Exterior	Exterior	12
3. Is the sample tap threaded, have a swing arm (kitchen sink) or aerator (sinks)?	Threaded	Threaded	Threaded	Exterior
4. Is the sample tap in good condition, free of leaks around the stem or packing?	Yes	Yes	Yes	Threaded
5. Can the sample tap be adjusted to the point where a good laminar flow can be achieved without excessive splash?	Yes	Yes	Yes	Yes
6. Is the sample tap and area around the sample tap clean and dry (free of animal droppings, other contaminants or spray irrigation systems)?	Yes	Yes	Yes	Yes
7. Is the area around the sample tap free of excessive vegetation or other impediments to sample collection?	Yes	Yes	Yes	Yes
8. Describe how the tap was treated in preparation for sample collection (ran water, swabbed with disinfectant, flamed, etc.)	Swabbed w/ disinfectant	Swabbed w/ disinfectant	Swabbed w/ disinfectant	Swabbed w/ disinfectant
9. Is this sample tap designated on the bacteriological sample siting plan (BSSP) as a routine or repeat site?	Expired BSSP	Expired BSSP	Expired BSSP	Yes
10. Were the samples delivered to the laboratory in a cooler and within the allowable holding time?	Yes	Yes	Yes	Yes
11. What were the weather conditions at the time of the positive sample (rainy, windy, sunny)?	Sunny	Sunny	Sunny	Sunny

REVISED TOTAL COLIFORM RULE (RTCR) – LEVEL 1 ASSESSMENT FORM

Simple Systems with a Well and Pressure Tank and No Treatment

Page 4 of 5

GENERAL OPERATIONS:		Response
1. Has the sampler(s) who collected the samples received training on proper sampling techniques? If yes, please indicate date of last training.	Yes, Certified Operator	
2. Does the water system have a written sampling procedure and was it followed?	Yes	
3. Where there any power outages that affected water system facilities during the 30 days prior to the TC+ or EC + findings?	No	
4. Were there any main breaks, water outages, or low pressure reported in the service area from which TC+ or EC+ samples were collected?	No	
5. Does the system have backup power or elevated storage?	No	
6. During or soon after bacteriological quality problems, did you receive any complaints of any customers' illness suspected of being waterborne? How many?	No	
7. What were the symptoms of illness if you received complaints about customers being sick?	N/A	

SUMMARY: Based on the results of your assessment and any other available information, what deficiencies do you believe to have caused the positive total coliform sample(s) within your distribution system? (DO NOT LEAVE BLANK)

Deficiency #	Deficiency Description
1.	Broken lock on storage tank hatch
2.	Sample points from old BSSP not reflective of actual distribution system water quality.
3.	
4.	
5.	

CORRECTIVE ACTIONS: What actions have you taken to correct the above mentioned deficiencies? If additional time is needed to correct a deficiency, indicate the date that it will be corrected. (DO NOT LEAVE BLANK)

Deficiency #	Corrective Action	Completion/Proposed Date
1.	Replace lock	11-12-18
2.	Use current BSSP as supplied to Seaco Technologies on 10-4-18	11-6-18
3.		
4.		
5.		

REVISED TOTAL COLIFORM RULE (RTCRR) – LEVEL 1 ASSESSMENT FORM
Simple Systems with a Well and Pressure Tank and No Treatment

Page 5 of 5

CERTIFICATION: I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

NAME: D. Williams **TITLE:** Water Services Manager **DATE:** 11/6/18

Upon review of the Level 1 Assessment Form, the local regulatory agency may require submittal of the following additional information:

- Sketch of system showing all sources, all treatment and chlorination locations, storage tanks, microbiological sampling sites and general layout of the distribution system including the location of all hazardous connections such as the wastewater treatment facility.
- A set of photographs of the source, pressure tanks, and storage tanks in the system may be submitted if they would show that the contamination is directly related and changes have been made since the last inspection by the local regulatory agency.
- Name, certification level and certificate number of the Operator in Responsible Charge.
- Copy of the last cross connection survey performed that identifies the location of all unprotected cross connections.

APPENDIX 3. PUBLIC NOTICE DATED NOVEMBER 7, 2018

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Sun Pacific Shippers - Maricopa Water System Has Levels of Coliform Bacteria Above the Drinking Water Standard

Our water system recently violated a drinking water standard. Although this is not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We routinely monitor for the presence of drinking water contaminants. We collected one (1) routine sample on October 2, 2018, which tested positive for total coliform bacteria. Four (4) repeat samples were collected on October 4, 2018, including one sample from Well 01. One (1) of the repeat samples, from the distribution system, and one (1) sample from Well 01 tested positive for total coliform bacteria. The standard is that no more than one (1) sample per month may do so. None of the samples tested positive for *E. coli* bacteria.

What should I do?

- **You do not need to boil your water or take other corrective actions.**
- This is not an emergency. If it had been, you would have been notified immediately. Total coliform bacteria are generally not harmful themselves. *Coliforms are bacteria which are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.*
- Usually, coliforms are a sign that there could be a problem with the system's treatment or distribution system (pipes). Whenever we detect coliform bacteria in any sample, we do follow-up testing to see if other bacteria of greater concern, such as fecal coliform or *E. coli*, are present. **We did not find any of these bacteria in our subsequent testing, and further testing shows that this problem has been resolved.**
- People with severely compromised immune systems, infants, and some elderly may be at increased risk. These people should seek advice about drinking water from their health care providers. General guidelines on ways to lessen the risk of infection by microbes are available from U.S. EPA's Safe Drinking Water Hotline at 1(800) 426-4791.
- If you have other health issues concerning the consumption of this water, you

may wish to consult your doctor.

What happened? What was done?

To investigate the total coliform positive samples, we collected an additional bacteriological sample on October 9, 2018, from our storage tank outlet that tested positive for total coliform bacteria. On October 15, 2018, we collected bacteriological samples from the three break rooms (receiving treated water from point of use RO treatment units) and two locations in the distribution system. All five samples collected on October 15, 2018, tested negative for total coliform bacteria. We are installing a sampling tap on the well to collect a raw water sample from the well and plan to provide emergency chlorination treatment and flushing of the well, storage tank and distribution system, if the well shows presence of total coliform bacteria. Afterwards, we will collect bacteriological samples from the well, storage tank and distribution system to verify the bacteriological quality of the water.

Due to the total coliform treatment technique trigger during the month of October 2018, a Level 1 Assessment is required to be completed before November 6, 2018, under the federal rTCR. We are working on completing the Level 1 Assessment and will take corrective actions, as directed by the State Water Board.

For more information, please contact Jim Black, Facilities Manager, Sun Pacific Shippers at 661-201-2377 or 33374 Lerdo highway, Bakersfield, CA 93308. You can also contact the State Water Resources Control Board, Division of Drinking Water Office at (661) 335-7315.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by Sun Pacific Shippers - Maricopa Water System.

State Water System ID#: 1503515. Date distributed: _____.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.

Tradúzcalo o hable con alguien que lo entienda bien.

Sun Pacific Shippers - El sistema de agua Maricopa tiene niveles de bacterias coliformes por encima del estándar de agua potable

Nuestro sistema de agua recientemente violó un estándar de agua potable.

Aunque esto no es una emergencia, como nuestros clientes, usted tiene derecho a saber qué debe hacer, qué sucedió y qué hicimos para corregir esta situación. Realizamos un seguimiento rutinario de la presencia de contaminantes en el agua potable. Recogimos una (1) muestra de rutina el 2 de octubre de 2018, que dio positivo para bacterias coliformes totales. Se recogieron cuatro (4) muestras repetidas el 4 de octubre de 2018, incluida una muestra del Pozo 01. Una (1) de las muestras repetidas, del sistema de distribución, y una (1) muestra del Pozo 01 dio positivo para bacterias coliformes totales. Es que no más de (1) mes muestra puede hacerlo. Ninguna de las muestras dio positivo para la bacteria E. coli. Qué tengo que hacer

No es necesario hervir el agua o tomar otras medidas correctivas.

Esto no es una emergencia. Si lo hubiera sido, habría sido notificado inmediatamente. Las bacterias coliformes totales generalmente no son dañinas por sí mismas. Los coliformes son bacterias que están presentes de forma natural en el medio ambiente y se utilizan como otras bacterias potencialmente dañinas. Los coliformes se encontraron en más muestras de las permitidas y esto fue una disminución de los problemas potenciales. Por lo general, los coliformes son una señal de que podría haber un problema con el sistema de tratamiento o distribución del sistema (tuberías). Cada vez que detectamos una muestra de bacterias coliformes, hacemos pruebas de seguimiento para ver si hay otras bacterias de mayor preocupación, como coliformes fecales o E. coli. No encontramos ninguna de estas bacterias en nuestras pruebas posteriores, y las pruebas adicionales demuestran que este problema se ha resuelto. Las personas con sistemas inmunitarios gravemente comprometidos, bebés y algunos ancianos pueden correr un mayor riesgo. Estas personas deben buscar asesoramiento sobre el agua potable de sus proveedores de atención médica. Las directrices generales sobre cómo reducir el riesgo de infección por microbios están disponibles en la línea directa de agua potable segura de la EPA al 1 (800) 426-4791. Si tiene otros problemas de salud relacionados con el consumo de esta agua, consulte a su médico.

sucedió? ¿Lo que fue hecho?

Para investigar el total de muestras positivas de coliformes, recolectamos una muestra bacteriológica adicional el 9 de octubre de 2018 de nuestra salida del tanque de almacenamiento que dio positivo para bacterias coliformes totales. El 15 de octubre de 2018, recogimos

bacteriológicos. muestras de las tres salas de descanso, agua de unidades de tratamiento puntual) y dos ubicaciones en el sistema de distribución. Las cinco muestras recolectadas el 15 de octubre de 2018, dieron negativo para bacterias coliformes totales. Estamos instalando un grifo de muestreo en el pozo para recolectar una muestra de agua cruda del pozo y planeamos brindar tratamiento de cloración de emergencia y lavado del pozo, tanque de almacenamiento y sistema de distribución, si el pozo muestra la presencia de bacterias coliformes totales. Luego, recogeremos muestras bacteriológicas del tanque de almacenamiento y del sistema de distribución para verificar la calidad bacteriológica del agua. Debido al desencadenante total de la técnica de tratamiento de coliformes durante el mes de octubre de 2018, se completará una evaluación de nivel 1 antes del 6 de noviembre de 2018, según el rTCR federal. Estamos trabajando para completar la Evaluación de Nivel 1 y tomaremos las medidas correctivas, según lo indique la Junta Estatal del Agua. Para obtener más información, comuníquese con Jim Black, Gerente de Instalaciones, Sun Pacific Shippers al 661-201-2377 o 33374 Lerdo highway, Bakersfield, CA 93308. También puede comunicarse con la Junta de Control de Recursos Hídricos del Estado, División de la Oficina de Agua Potable al (661) 335-7315. Comparta esta información con todas las demás personas que beben esta agua, especialmente aquellas que no hayan recibido este aviso directamente (por ejemplo, personas en apartamentos, hogares de ancianos, escuelas y empresas). Usted puede hacer esto mediante la publicación de este

Requisitos de notificación

secundaria Al recibir la notificación de una persona que opera un sistema público de agua, la siguiente notificación debe entregarse dentro de los 10 días [Sección 116450 (g) del Código de Salud y Seguridad: Escuelas: debe notificar a los empleados, estudiantes y padres de la escuela (si los estudiantes son menores de edad) PROPIETARIOS O ADMINISTRADORES DE PROPIEDADES DE ALQUILER RESIDENCIALES (incluidos hogares de ancianos y centros de atención): deben notificar a los inquilinos. PROPIETARIOS, ADMINISTRADORES O OPERADORES DE PROPIEDADES DE NEGOCIOS: deben notificar a los empleados las empresas ubicadas en la propiedad. Este aviso lo está enviando Sun Pacific Shippers - Maricopa Water System. Número de identificación del sistema de agua del estado: 1503515. Fecha de distribución: 11-7-18

APPENDIX 4. COMPLIANCE CERTIFICATION DATED NOVEMBER 6, 2018

Certification of Completion of Public Notification
(Include a Copy of Public Notice with the Certification of Public Notification)

This form, when completed and returned to the Division of Drinking Water – Tehachapi District (4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 or fax to 661-335-7316 or email to dwpdist19@waterboards.ca.gov), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

Public Water System Name: Sun Pacific Shippers - Maricopa Water System

Public Water System No.: 1503515

Public notification for failure to comply with the Total Coliform MCL for October 2018 was performed by the following method(s) (check and complete those that apply):

The notice was mailed to users on:

A copy of the notice is attached.

The notice was hand delivered to water customers on:

A copy of the notice is attached.

The notice was published in the local newspaper on:

A copy of the newspaper notice is attached.

The notice was posted at conspicuous places on:

☒ A copy of the notice is attached.

☒ A list of locations the notice was posted is attached. Break Rooms 1, 2 & 3

The notice was delivered to community organizations on:

A copy of the notice is attached.

A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

Printed Name Jimmy BLACK

Title Facilities manager

Signature J. Black

Date 11-6-18

Disclosure: Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for separate violation each day that the violation continues. In addition, the violators may be prosecuted in criminal court and, upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the

fine and imprisonment.

Due to the Division of Drinking Water within 10 days of issuance of notice to customers and no later than November 16, 2018.

Enforcement Action No. Pending

Appendix 5 – Notification of Receipt

Citation Number: 03_19_18C_042

Name of Water System: Sun Pacific Shippers-Maricopa

System Number: 1503515

Certification

I certify that I am an authorized representative of the Sun Pacific Shippers-Maricopa Water System and that Citation No. 03_19_18C_042 was received on _____. Further I certify that the Citation has been reviewed by the appropriate management staff of the Sun Pacific Shippers-Maricopa Water System and it is clearly understood that Citation No. 03_19_18C_042 contains legally enforceable directives with specific due dates.

Signature of Water System Representative

Date

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE STATE WATER BOARD,
DIVISION OF DRINKING WATER, NO LATER THAN DECEMBER 31, 2018.**

Disclosure: Be advised that the California Health and Safety Code, Sections 116725 and 116730 state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the Safe Drinking Water Act may be liable for, respectively, a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation or, for continuing violations, for each day that violation continues, or be punished by a fine of not more than \$25,000 for each day of violation, or by imprisonment in the county jail not to exceed one year, or by both the fine and imprisonment.